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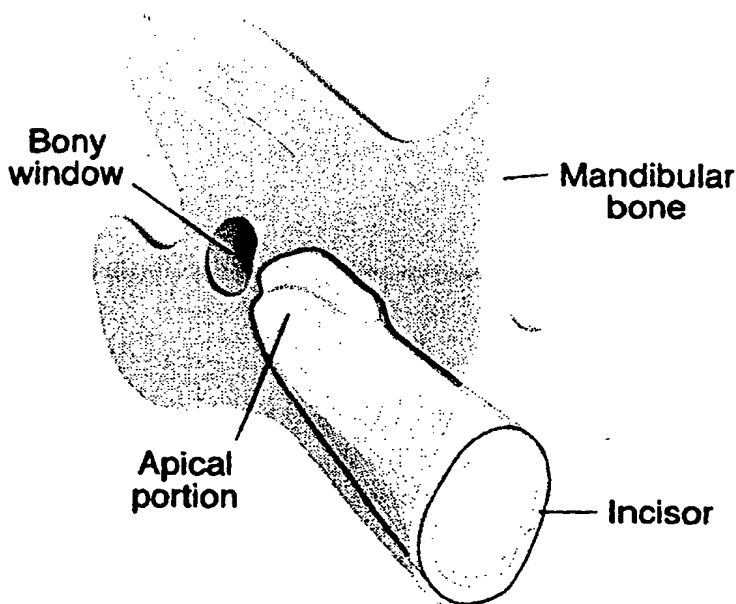
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(54) Title: *IN VIVO* MODEL FOR EXPERIMENTAL MANIPULATION OF CALCIFIED TISSUES AND ASSOCIATED SOFT TISSUES

(57) Abstract

The present invention relates to the use of a rodent's mandibular incisor as an experimental model for the local and selective targeting of the odontogenic organ and its associated periodontal tissues. A surgical technique was developed to create a 'window' in the alveolar bone overlying the apex of the rodent incisor to allow direct diffusion of specific experimental agents. While direct deposition in the window is possible in some circumstances, an osmotic minipump is preferred to deliver the specific experimental agents in the window.